

^{66}Co $Z = 27$ $N = 39$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 567.992 (0.014) MeV

Qbeta- = 9.598 (0.014) MeV

	Energy T	J+	J-	J-other	T1/2
66CO	1			0.000 (3+)	1 0.20 S 2
66CO	2			0.175 (5+)	2 1.21 US 1
66CO	3			0.390	3
66CO	4			0.642 (8-)	4 100 US GT

S-p = 12.480 (0.015)-----
 S-n = 5.295 (0.014)-----
 S-2p = 27.997 (0.014)-----
 S-2n = 12.759 (0.024)-----
 S-alpha= 10.310 (0.015)-----

S+p = -14.623 (0.014)
 S+n = -6.985 (0.015)
 S+2p = -23.736 (0.014)
 S+2n = -11.665 (0.190)
 S+alpha = -8.993 (0.014)

gap p = -2.143 (0.021)
 gap n = -1.690 (0.021)
 gap 2p = 4.261 (0.020)
 gap 2n = 1.094 (0.192)
 gap alpha = 1.317 (0.021)